N81 / Naval Post Graduate School Thesis Proposal

Date: 03MAY07
Originator: CDR John V. Harmon N814E3
(Name & N81 Code)   COMM:(703)614-0177; DSN:224

IWAR: PERFORMANCE PRICING MODELS
(if applicable)

Subject: PERFORMANCE PRICING MODELS

Problem   CURRENT EFFORT EXISTS TO STREAMLINE AND
Description: STRENGTHEN THE DON PROGRAM/BUDGET PROCESS, IN
                     PART THROUGH THE USE OF 'PERFORMANCE/PRICING
                     MODELS'. NOT ALL OF THESE MODELS ARE FULLY
                     DEVELOPED/DESCRIBED AND ALL ARE IN VARIOUS
                     STAGES OF VERIFICATION, VALIDATION, AND
                     ACCREDITATION.

Deliverable: ANY NUMBER OF DELIVERABLES COULD BE
(e.g., Study with   DEVELOPED: A STUDY WITH RECOMMENDATIONS OVER
recommendations,   ONE OF THE PERFORMANCE MODELING AREAS,
Decision Aide,   DECISION AIDE FOR RESOURCE ALLOCATIONS,
Analysis,   MODELING/DATA ANALYSIS TO PROVIDE CONFIDENCE
Mathematical   IN CURRENTLY ACCEPTED AND POTENTIALLY
Model, etc.,)   ACCREDITED MODELS, ETC.

Discussion: MODELS DESIGNATED AS PERFORMANCE PRICING
                     MODELS, ACTUALLY REPRESENT MODELING AREAS
                     (BETTER DESCRIBED AS EFFORTS OR PROGRAMS?).
                     THESE PROGRAMS ACCOUNT FOR A SIGNIFICANT
                     PORTION OF NAVY OVERALL TOTAL OBLIGATION
                     AUTHORITY. THE INVESTMENT AND POTENTIAL
                     IMPACT OF REQUIREMENTS GENERATED USING THESE
                     MODELS WARRANTED CURRENTLY ONGOING VV&A
                     EVALUATIONS AND SENIOR LEADERSHIP SCRUTINY.
                     POTENTIAL EXISTS FOR REVIEW AND/OR
                     DEVELOPMENT OF REQUIREMENTS MODELS, V&V
                     PLANS, AND OPTIMIZATION METHODOLOGIES, ACROSS
                     VARIOUS RESOURCE SPONSORS. THESIS PROJECT
                     WOULD EXPOSE STUDENT TO DEVELOPING BUDGETARY
                     METHODS, AND GIVE VALUABLE EXPOSURE TO HIGH
                     LEVEL DECISION MAKING PROCESSES.

Potential   VARIOUS OPNAV CODES, SYSCOMS, RESOURCE
Data Sources: SPONSORS.